


		NTSB ID: DCA10RA023		Aircraft Registration Number: ET-ANB	
		Occurrence Date: 01/25/2010		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: Foreign	
Location/Time					
Nearest City/Place Beirut	State	Zip Code	Local Time 0041	Time Zone UTC	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 5			
Aircraft Information Summary					
Aircraft Manufacturer BOEING		Model/Series 737/800		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On January 25, 2010, about 0041 UTC, Ethiopian Airlines flight 409, Boeing 737-800, ET-ANB, crashed into the Mediterranean Sea shortly after takeoff from Beirut-Rafic Hairiri International Airport, Beirut, Lebanon. Night instrument meteorological conditions prevailed at the time of the accident. The 8 crew members and 92 passengers were fatally injured. The airplane was destroyed and there was no fire. The airplane was en route to Addis Ababa-Bole International Airport, Addis Ababa, Ethiopia.</p> <p>The investigation is being conducted by the Lebanon Ministry of Public Works and Transport. A U.S. Accredited Representative from the NTSB has been assigned to assist in the investigation.</p> <p>Updated on Feb 23 2010 12:24PM</p>					
FACTUAL REPORT - AVIATION					

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA10RA023				
		Occurrence Date: 01/25/2010				
		Occurrence Type: Accident				
Landing Facility/Approach Information						
Airport Name Rafic Hariri International		Airport ID: OLBA	Airport Elevation 87 Ft. MSL	Runway Used N/A	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Approach/Arrival Flown: NONE						
VFR Approach/Landing: None						
Aircraft Information						
Aircraft Manufacturer BOEING		Model/Series 737/800		Serial Number 29935		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Tricycle						
Amateur Built Acft?	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines: 2		
Engine Type:	Engine Manufacturer:		Model/Series:	Rated Power:		
- Aircraft Inspection Information						
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information						
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site?				
Owner/Operator Information						
Registered Aircraft Owner CIT Aerospace International Corporation		Street Address				
		City	State	Zip Code		
Operator of Aircraft Ethiopian Airlines		Street Address				
		City Addis Ababa	State	Zip Code		
Operator Does Business As:			Operator Designator Code:			
- Type of U.S. Certificate(s) Held: None						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Non-U.S., Commercial						
Type of Flight Operation Conducted: Scheduled; International; Passenger Only						
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 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA10RA023								
		Occurrence Date: 01/25/2010								
		Occurrence Type: Accident								
First Pilot Information										
Name			City		State					
Sex:	Seat Occupied:	Occupational Pilot?		Certificate Number:						
Certificate(s):										
Airplane Rating(s):										
Rotorcraft/Glider/LTA:										
Instrument Rating(s):										
Instructor Rating(s):										
Current Biennial Flight Review?										
Medical Cert.:		Medical Cert. Status:		Date of Last Medical Exam:						
- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual	Instrument Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time										
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days										
Last 30 Days										
Last 24 Hours										
Seatbelt Used?		Shoulder Harness Used?			Toxicology Performed?		Second Pilot? Yes			
Flight Plan/Itinerary										
Type of Flight Plan Filed: IFR										
Departure Point		State				Airport Identifier		Departure Time		Time Zone
Same as Accident/Incident Location						OLBA				UTC
Destination		State				Airport Identifier				
Addis Ababa						HAAB				
Type of Clearance: IFR										
Type of Airspace:										
Weather Information										
Source of Wx Information:										
FACTUAL REPORT - AVIATION										

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA10RA023	
		Occurrence Date: 01/25/2010	
		Occurrence Type: Accident	


Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
OLBA			Ft. MSL	5 NM	Deg. Mag.
Sky/Lowest Cloud Condition:				Ft. AGL	Condition of Light: Night/Bright
Lowest Ceiling:			Ft. AGL	Visibility: SM	Altimeter: "Hg
Temperature: °C	Dew Point: °C	Weather Conditions at Accident Site: Instrument Conditions			
Wind Direction:		Wind Speed:		Wind Gusts:	
Visibility (RVR): Ft.		Visibility (RVV) SM			
Precip and/or Obscuration:					

Accident Information					
Aircraft Damage: Destroyed		Aircraft Fire: None		Aircraft Explosion: None	

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot	1				1	
Second Pilot	1				1	
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants	5				5	
Other Crew	1				1	
Passengers	82				82	
- TOTAL ABOARD -	90				90	
Other Ground						
- GRAND TOTAL -	90				90	

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 <p>National Transportation Safety Board</p> <p>FACTUAL REPORT</p> <p>AVIATION</p>	NTSB ID: DCA10RA023	
	Occurrence Date: 01/25/2010	
	Occurrence Type: Accident	

Administrative Information

Investigator-In-Charge (IIC)

Dennis L. Jones

Additional Persons Participating in This Accident/Incident Investigation: